What is claimed is:

1. A reverse torque input detection system for a V-belt type continuously variable transmission in which primary pressure is applied to a primary pulley connected to an engine side and secondary pressure is applied to a secondary pulley connected to an output shaft, comprising:

a brake sensor to detect a brake state being ON or OFF;

a throttle opening sensor to detect a throttle valve opening;

a primary hydraulic pressure sensor to detect said primary pressure;

a secondary hydraulic pressure sensor to detect said secondary pressure; and

reverse torque input detection means for detecting a reverse torque input to said output shaft,

wherein said reverse torque input detection means determines the presence of a reverse torque input to said output shaft,

after said throttle opening sensor detects a throttle valve fully closed and said brake sensor detects said brake state changed from ON to OFF,

when said primary pressure is equal to or lower, by a predetermined value, than said primary pressure detected when said brake sensor detected said brake state being ON, and

said secondary pressure is higher, by a predetermined value, than said secondary pressure detected when said brake sensor detected said brake state being ON.

2. A reverse torque input detection system for a V-belt type continuously variable transmission according to claim 1,

wherein said reverse torque input detection means perform the

detection of a reverse torque input to said output shaft, after a specified period of time has elapsed since said brake sensor detected said brake state changed from ON to OFF.